

SAFETY DATA SHEET

Product name : **Epifanes Rust Remover**
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product name : **Epifanes Rust Remover**

Application : For neutralization of rust on steel.

Company : W. Heeren & Zoon BV
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1430 AD Aalsmeer - Netherlands

Tel : (+31) 297 – 360 366
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2. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains : water, polymers and chelating agents.

3. HAZARDS IDENTIFICATION

Man : Spray mist may irritate the respiratory system. May cause irritation on eye contact. Prolonged skin contact may cause temporary irritation.

Environment : May lead to a local change in acidity in the aquatic environment which may have adverse effects on aquatic organisms.

4. FIRST-AID MEASURES

Inhalation : Move into fresh air and keep at rest.

Skin contact : Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact : Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists : seek medical attention and bring along these instructions.

Ingestion : Immediately rinse mouth and drink plenty of water. Keep person under observation. If uncomfortable : seek hospital and bring along these instructions.

5. FIRE-FIGHTING MEASURES

Extinguishing media : Use fire-extinguishing media appropriate for surrounding materials.

Specific hazards : During fire, health hazardous gases may be formed.

Protective equipment
For fire-fighters : Use air-supplied respirator during fire fighting.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Avoid contact with skin and eyes.

Environmental precautions : Do not discharge onto the ground or into water courses.

Methods for cleaning up : Dam and absorb spillage, sawdust or other absorbent. For waste disposal, see point 13.

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7. HANDLING AND STORAGE

Safe handling advice : Observe good industrial hygiene practices. Avoid contact with skin and eyes.
Technical measures : Keep the workplace clean.
Technical precautions : Not relevant.
Technical measures for safe storage : No special precautions.
Storage conditions : Store in closed original container at temperatures between +5°C and +35°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures : Risk of inhalation of spray mists must be limited as much as possible.
Personal protection : Wear protective gloves and goggles/face shield. When spraying : it is recommended to use respiratory equipment with combination filter, type A2/P2.
Hand protection : wear gloves chemically resistant to this material when prolonged or frequently repeated contact could occur. Gloves shall comply with EN 420 category 1 (low hazard materials) or better. The following standard glove materials are suitable : PVC, Neoprene or Nitrile rubber.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : beige liquid turning to black in contact with naked steel
Odour : slight
pH : 1.5 ± 0.5
Boiling point : not available
Flash point : not available
Explosive properties : not relevant
Relative density : 1.02 ± 0.05
Solubility : Miscible with water
VOC in % : free

10. STABILITY AND REACTIVITY

Stability : Stable under normal temperature conditions.
Conditions/materials to avoid : Avoid frost and direct sunlight. Avoid all solvents except water. Addition of chemicals may cause coagulation.
Hazardous decomposition products : None in particular.

11. TOXICOLOGICAL INFORMATION

Inhalation : Spray mist may irritate the respiratory system.
Skin contact : Prolonged contact may cause redness and irritation.
Eye contact : Direct contact may irritate.
Ingestion : May irritate and cause malaise.
Specific effects : None known.

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12. ECOLOGICAL INFORMATION

Mobility : The product is miscible with water. May spread in water systems.
Degradability : The polymer is heavily degradable.
Ecotoxicity : May lead to a local change in acidity in the aquatic environment which may have adverse effects on aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues according to agreement with local authorities.

Waste from residues : EWC-code : 20 01 14

Contaminated packaging : Dispose of contaminated packing as residue.

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION

Labelling : Based on information from the manufacturer regarding the chemical composition of the product, an assessment by the Danish Toxicology Center has shown that according to EEC Directives 67/548/EEC and 88/379/EEC, the product is not liable to classification and labelling.

National regulation : The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (SI 1994/3247), with Amendment Regulations 1996 (SI 1996/1092), 1997 (SI 1997/1460), 1998 (SI 1998/106) and 1999 (SI 1999/197).
SI 819 : The Collection and Disposal of Waste Regulations 1988.

16. OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.